Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of notifying changes of state in the resources of a network ~~(10)~~ to at least one application ~~(26, 28)~~ adapted to execute on the network, the method ~~being characterized in that it comprises~~comprising the following steps:

· extracting ~~(22)~~ routing information, using change-of-state notification means ~~(14c)~~ with which the application has previously been registered; and

· forwarding ~~(24)~~ said routing information extracted by the notification means to the application.

2. (Currently Amended) A change-of-state notification method according to claim 1, ~~characterized in that~~wherein, during the prior registration step, a fraction of the nodes and/or of the links of the network ~~(10)~~ is selected so that the information that is extracted and forwarded to said application ~~(26, 28)~~ is routing information relating to said selected fraction of the nodes and/or of the links.

3. (Currently Amended) A change-of-state notification method according to claim 1 ~~or claim 2~~, ~~characterized in that~~wherein the network ~~(10)~~ is an ad-hoc network, and in that the routing information is extracted by interrogating a routing protocol ~~(14b)~~ implemented in the ad-hoc network.

4. (Currently Amended) A change-of-state notification method according to claim 3, ~~characterized in that~~wherein the routing information is extracted from routing tables ~~(20)~~

exchanged by a proactive routing protocol of the ad-hoc network, in particular the OLSR protocol.

5. (Currently Amended) A change-of-state notification method according to ~~any one of claims 1 to 4~~claim 1, ~~characterized in that it further includes~~further including a step of dynamically extending the notification means ~~(14c)~~during which new extraction rules are introduced into the notification means ~~(14c)~~corresponding to new routing information that has been deployed on the network ~~(10)~~.

6. (Currently Amended) A computer program ~~(14c)~~ for notifying changes of state in the resources of a network ~~(10)~~to at least one application ~~(26, 28)~~ adapted to execute on the network, the program ~~being characterized in that~~including, for an application that has previously been registered with the program, ~~it includes~~means ~~(22)~~for extracting routing information, and means ~~(24)~~for forwarding the extracted information to the application.

7. (Currently Amended) A system for notifying changes of state in the resources of a network ~~(10)~~, the system comprising the network ~~(10)~~ and at least one application ~~(26, 28)~~adapted to execute on the network, and ~~being characterized in that it includes~~including a computer program ~~(14c) according to claim 6, and~~installed on at least one of the nodes ~~(14)~~ of the network, the program including, for an application that has previously been registered with the program, means for extracting routing information, and means for forwarding the extracted information to the application.

8. (New) Node of a network, comprising routing applications, wherein it comprises further a computer program including, for an application that has previously been registered with the

program, means for extracting routing information, and means for forwarding the extracted

information to the application.